

# Wefapress®

Professionals in  
engineering plastics



MILLED AND  
TURNED PARTS



## Finished parts to your requirements

From one-offs to small lot numbers and up to series production, we design and produce finished plastic parts for you to the highest standards.

Wefapress® is strongly committed to fulfilling the individual requests of its customers. In order to meet customer requirements, we draw on a wide range of available engineering plastics that we process on our ultra-modern, leading edge manufacturing machinery.

Modern thermoplastics such as PE, POM, PA or PET are hardly inferior to metals. They are versatile and often offer an economical alternative to metals such as steel, aluminum or zinc. At Wefapress®, we use these materials to create individual plastic solutions that meet your specific requirements.

Thanks to our modern machinery and efficient working methods, we can supply you with plastic turned and milled parts in small quantities or in series production, entirely according to your requirements.

**From design to finished product – everything from a single source.**

Why Wefapress® is the first choice for milled and turned plastic parts

- ✓ Decades of experience in plastics machining (1955 = world's first manufacturer and processor of UHMWPE using the press sintering process)
- ✓ Custom manufacturing according to drawings
- ✓ In-house, state-of-the-art semi-finished product production, large stock availability, and stable supply chains
- ✓ Machining of PE semi-finished products from our own production
- ✓ Flexible handling of small batches and series production
- ✓ Complete solution: from consultation and development to the finished product
- ✓ Dimensions: Lengths up to 10,250 mm, widths up to 2,560 mm, and thicknesses up to 200 mm
- ✓ Equipped state-of-the-art machinery to ensure the tightest tolerances
- ✓ Top quality through qualified employees – our own trained specialists and low employee turnover guarantee consistently high-quality production of your components in our machining department
- ✓ Direct support from on-site sales representatives

## Manufacturing capabilities

-  **Sawing**
-  **CNC milling**
-  **CNC turning**
-  **Profiling**
-  **Drilling**
-  **Welding** (Surface and end welding)
-  **Tempering**

## Machining dimensions

CNC milling	max. length	max. width	max. height
5-axis-processing	12.000 mm	2.500 mm	720 mm
4-axis-processing	4.600 mm	1.100 mm	715 mm
CNC turning	max. turned length	max. Ø	
	3.000 mm	810 mm	
Profile production	max. length	max. width	max. height
	10.000 mm	250 mm	180 mm
Planning		max. width	
		1.330 mm	

## Advantages of turned and milled parts made of plastic

Turned and milled plastic parts are characterized by their **low weight**, which contributes to improved energy efficiency, particularly in industries such as mechanical engineering and conveyor technology. Furthermore, plastics are **corrosion-resistant** and offer **excellent chemical resistance to oils, solvents, and other chemicals**, making them **ideal for use in demanding environments**.

### Advantages

- ✓ Maintenance-free operation
- ✓ Virtually unlimited shaping possibilities
- ✓ High wear resistance
- ✓ High resilience (PA and POM)
- ✓ Low noise
- ✓ Corrosion resistance
- ✓ Vibration damping
- ✓ Lighter weight (resulting in lower moment of inertia)





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